No. 612,237. Patented Oct. 11, 1898.

H. S. ELWORTHY.

PEN RACK.

(Application filed Dec. 22, 1897.)

(No Model.)

Fig. 1.

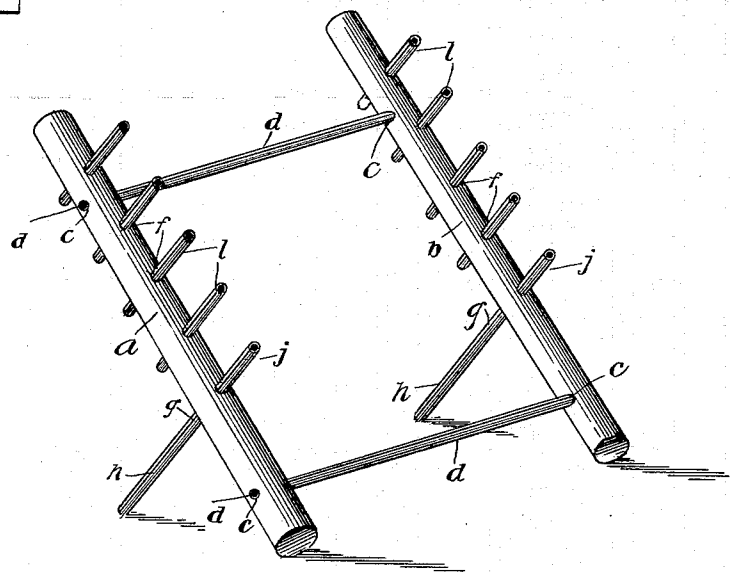
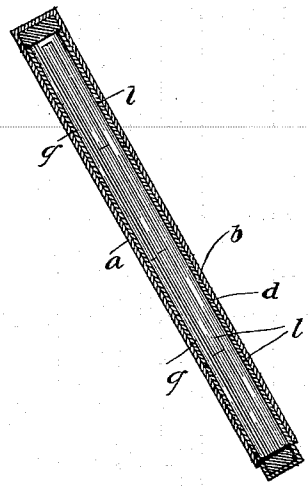


Fig. 2.



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THE NORRIS PETERS CO., PHOTO-LITHO., WASHINGTON, D. C.

UNITED STATES PATENT OFFICE.

HERBERT SAMUEL ELWORTHY, OF LONDON, ENGLAND.

PEN-RACK.

SPECIFICATION forming part of Letters Patent No. 612,237, dated October 11, 1898.

Application filed December 22, 1897. Serial No. 663,048. (No model.)

To all whom it may concern:

Be it known that I, HERBERT SAMUEL ELWORTHY, a subject of the Queen of Great Britain, residing at London, in the county of Middlesex, England, have invented certain new and useful Improvements in Pen-Racks; and I do declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

My invention has relation to pen-racks especially designed for travelers.

The object of the invention is to provide a pen-rack the parts of which may be disconnected and arranged in a compact form to enable it to be easily carried in the vest-pocket.

With this object in view the invention consists in certain features of construction and combination of parts, which will be hereinafter fully described and claimed.

In the accompanying drawings, Figure 1 is a perspective view of my improved pen-rack, showing it in position for use; and Fig. 2 is a longitudinal sectional view showing the parts separated and located within one of the side pieces of the rack.

I make the rack of two short tubes *a b*, preferably closed at one end, and each having a transverse hole *c* near its top and bottom. Smaller tubes *d*, split longitudinally, so as to form a spring, are arranged to fit tightly into these holes, and these four tubes form the frame of the rack. At right angles to the holes above mentioned a series of holes *f* is made, and in the lower ones short split tubes *g* are placed in such a way as to project on both sides, the part projecting to the back being long enough to form legs *h*, while the part projecting to the front is long enough to form pegs *j* for the holder to rest upon. Short pegs *l*, either solid or made from tubes, are fitted into the remaining holes, thus forming a series of rests. The side pieces are preferably made of such a size that one will slide into the other, and the cross-piece, the legs, and the pegs should be of such a size that they will all go into the inner tube of the frame—that is to say, the whole rack will be folded into the well-known form of a sliding pencil, taking up little room, so as to admit of its being carried in a despatch-box, letter-case, or in the vest-pocket. The sides of the frame may also be weighted at their lower ends with lead or other material, so as to give the rack greater stability when in use.

It of course is understood that the split tubular cross-pieces of the frame have a normal diameter greater than the diameter of the apertures through which the ends extend, so that when compressed and inserted in said apertures the resiliency of the material will cause the ends to be held in increased frictional contact with the walls of the apertures. The legs and pegs, if made tubular in form and split, should also have a diameter greater than the diameter of the openings through which they pass, in order to increase friction, and thereby insure a steady rack.

Although I have specifically described the construction and relative arrangement of the several elements of my invention, I do not desire to be confined to the same, as such changes or modifications may be made as clearly fall within the scope of my invention without departing from the spirit thereof.

Having thus described my invention, what I claim, and desire to secure by Letters Patent, is—

A pen-rack comprising tubular side pieces of different diameters and adapted to telescope one within the other, cross-pieces, legs and pen-supporting pegs, said cross-pieces, legs and pen-supporting pegs being of less diameter than either of the side pieces, and adapted to be placed within the same, substantially as set forth.

In testimony whereof I hereunto affix my signature in presence of two witnesses.

HERBERT SAMUEL ELWORTHY.

Witnesses:

BENJ. G. COWL,

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